

! PINDPATTERNS on geneseqp: \* allowing 0 mismatches

! Using patterns from: kol447.dat February 9, 2007 16:29 ..

kol447	ADO34231	ck: 3010	len: 18	! Ado34231 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34334	ck: 3037	len: 18	! Ado34334 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34354	ck: 3055	len: 18	! Ado34354 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34373	ck: 8199	len: 14	! Ado34373 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34382	ck: 8222	len: 14	! Ado34382 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34368	ck: 8268	len: 14	! Ado34368 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34381	ck: 8183	len: 14	! Ado34381 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34391	ck: 8199	len: 14	! Ado34391 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34427	ck: 8180	len: 14	! Ado34427 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34225	ck: 3010	len: 18	! Ado34225 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34336	ck: 3007	len: 18	! Ado34336 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34338	ck: 2998	len: 18	! Ado34338 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34341	ck: 3028	len: 18	! Ado34341 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34352	ck: 3076	len: 18	! Ado34352 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34379	ck: 8208	len: 14	! Ado34379 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34380	ck: 8229	len: 14	! Ado34380 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34383	ck: 8210	len: 14	! Ado34383 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34390	ck: 8226	len: 14	! Ado34390 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34228	ck: 3010	len: 18	! Ado34228 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34236	ck: 3010	len: 18	! Ado34236 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			
kol447	ADO34340	ck: 3031	len: 18	! Ado34340 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,LR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRFLGSIWRFIR AFYG
	1:			

kol447	1:	(G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(L)R GIRRFYGSIGWRFIR AFYG	kol447	1:	GFRRILGSIWRFIR AFYG	
	ADO34356	ck: 8202 len: 14 ! Ado34356 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(I)R GIRRFYGSIGWRFIR		ADO34234	ck: 8202 len: 14 ! Ado34234 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(I)R GIRRFYGSIGWRFIR	
kol447	1:	(G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(I)R GIRRFYGSIGWRFIR	kol447	1:	ADO34244	ck: 3136 len: 18 ! Ado34244 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(I)R GIRRFYGSIGWRFIR SFYG
kol447	1:	(G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(L)R GIRRFYGSIGWRFIR	kol447	1:	ADO34417	ck: 8210 len: 14 ! Ado34417 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(I)R GIRRFYGSIGWRFIR
kol447	1:	(G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(I)R GIRRFYGSIGWRFIR	kol447	1:	ADO34337	ck: 3019 len: 18 ! Ado34337 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(I)R GIRRFYGSIGWRFIR AFYG
kol447	1:	(G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(I)R GIRRFYGSIGWRFIR AFYG	kol447	1:	ADO34343	ck: 2996 len: 18 ! Ado34343 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(Y)R(F)(I)R GIRRFYGSIGWRFIR AFYG
kol447	1:	(G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(I)R GIRRFYGSIGWRFIR AFYG	kol447	1:	ADO34342	ck: 3061 len: 18 ! Ado34342 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(Y)R(F)(I)R GIRRFYGSIGWRFIR AFYG
kol447	1:	(G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(I)R GIRRFYGSIGWRFIR	kol447	1:	ADO34360	ck: 8274 len: 14 ! Ado34360 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(L)R GLRRFYGSIGWRFIR
kol447	1:	(G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(F)R GIRRFYGSIGWRFIR AFYG	kol447	1:	ADO34426	ck: 8214 len: 14 ! Ado34426 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(I)R GIRRFYGSIGWRFIR
kol447	1:	(G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(I)R GIRRFYGSIGWRFIR	kol447	1:	ADO34241	ck: 2998 len: 18 ! Ado34241 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(I)R GIRRFYGSIGWRFIR AFYG
kol447	1:	(G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(I)R GIRRFYGSIGWRFIR	kol447	1:	ADO34418	ck: 8228 len: 14 ! Ado34418 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T,S,A)(I,RR(F)(I)(G)(S)(I)(W)R(F)(L)R GLRRFYGSIGWRFIR

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ADO34350 ck: 3064 len: 18 ! Ado34350 Synthetic apolipoprotein-E mimicki
kol1447 (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T
1: (G)(L)RR(F)(I)(G)(S)(L)(W)R(F)(L)R
GLRRFIGSLWRFLR AFYG

ADO34378 ck: 8241 len: 14 ! Ado34378 Synthetic apolipoprotein-E mimicki
kol1447 (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T
1: (G)(I)RR(F)(Y)(G)(S)(I)(W)R(F)(L)R
GIRRFYGSINRFLR

ADX96509 ck: 8299 len: 671 ! Adx96509 Plant full length insert polypepti
kol1447 (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T
63: RRDHA ALRRLVAALFRLPR AGEVA

ADY07006 ck: 750 len: 646 ! Ady07006 Plant full length insert polypepti
kol1447 (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T
37: RRDHA ALRRLVAALFRLPR AGEVA

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Databases searched:  
EMBL, Release 8.0, Released on 4Apr2006, Formatted on 29Apr2006

Total finds: 45  
Total length: 457,216,429  
Total sequences: 2,589,679  
CPU time: 32:07.06

! FINDPATTERNS on pir:\* allowing 0 mismatches  
! Using patterns from: kol447.dat February 9, 2007 16:28 ..

Databases searched:  
  NBKF, Release 80.0, Released on 31Dec2004, Formatted on 21Jun2005  
Total finds: 0  
Total length: 96,216,763  
Total sequences: 283,416  
CPU time: 05:41.52

*No results from PIR.*

! FINDPATTERNS on uniprot:\* allowing 0 mismatches

! Using patterns from: kol447.dat February 9, 2007 16:28 ..

Q6KA74\_ORYSA ck: 7693 len: 633 ! Q6ka74 oryza sativa (japonica cultivar-group)  
 (G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G,T  
 (S) (L)RR(L) (V) (A) (G) (L) (P)R(L) (P)R  
 23: RRDHA SLRRLVAGLPRLPR AGEVA

Databases searched:

UNIPROT, Release 7.2, Released on 7Mar2006, Formatted on 7Mar2006

Total finds: 1  
 Total length: 925,015,592  
 Total sequences: 2,849,598  
 CPU time: 56:34.48

*1 result from Uniprot*